

# THE EVOLUTION OF THE ART OF MUSIC

30-hour course split in 15 sessions of a duration of an hour and a half each approximately and structurally tailor-made to fit each person's criteria irrespective of any prior knowledge in music.

## OBJECTIVES

Establish the ongoing evolution of the art of music in Catalonia through its history, diverse styles and forms (musical structures) ranging from the visigothic period to present day.

## CONTENTS

- Visigothic and Gregorian music
- Middle Ages monody both in religious and secular contexts
- Ars Antiqua and Ars Nova
- The Renaissance period
- The Baroque period : musical traits
- The Baroque period : musical forms
- The Baroque period : vocal, instrumental and orchestra music
- Classicism : musical traits
- Classicism : musical forms
- Romanticism : musical traits
- Romanticism : musical forms
- Musical traits in Wagner, Post-romanticism and Impressionism
- Musical nationalism
- Musical nationalism in Catalonia
- 20th century music

## REMARKS

This course can also take place in any sociocultural location situated both in Spain or any other country in the Western world.

Should a given cultural organisation take a serious interest in this course, any suggested adjustments to the above-outlined table of contents would be thoroughly contemplated in which case due notification to the owner of this website would be paramount so that pertinent modifications are implemented.

TOOLS : A piano whenever that is feasible  
COST : To be discussed  
TOTAL NUMBER OF STUDENTS : Unlimited

## A TRANSLATOR

# THE ORIGINS OF MUSIC SOUNDS

This lecture of an approximate duration of an hour and half will be specifically devised to satisfy the needs and expectations of anybody interested in music irrespective of prior academic musical knowledge and expertise.

## OBJECTIVES

- Establish the origins of the sounds in music via the vibratory reverberation of both noises and sound
- Establish the musical reverberation of the human psyche as an art according to Greek philosophy
- Establish the relevance of the harmonics as the foundation of the different modal and tonal systems
- Establish the system of fifths as a demonstration for the previous objective above mentioned

## CONTENTS

- Vibratory facts
- Evolutionary vibratory perception in the human race
- The vibration of music sounds as an art
- Musical considerations and aspects according to Plato and Pythagoras
- Energetic perception of the vibrations of music sounds
- The discovery of the interactions of sound vibrations according to Pythagoras's basic scale
- Harmonic sounds
- The pentatonic system
- Music scales
- Fifth system

## REMARKS

If so inclined an additional session hosted by The mathematics teacher Xavier Fitera is also available upon request as part of this study module. Based on his mathematical knowledge and expertise, Mr. Xavier Fitera would establish links between the two disciplines according to the objectives and goals afore mentioned.

Should a given organisation show a genuine interest to opt for this additional service hereby offered, prior knowledge of the intricacies of the logarithmic system would be paramount.

Mr. Xavier Fitera's session would be revolve around the following:

## OBJECTIVES

- Understand music as part of a physical process within a vibratory system of harmonic particles in a gaseous environment
- Understand differential aspects of sounds depending on frequency
- Establish the mathematical links between frequency and harmonic sounds
- Mathematically establish the vast array of different music sounds which can establish a music scale

## CONTENTS

- The vibratory process
- The auditory process: the sound
- Resonance
- The octave: proportionality between different frequencies
- The absurdity revolving around the perfect fifth: an approximation
- The pentatonic system and present-day twelve-sound scale system

TOOLS : A piano whenever that is feasible

COST : To be discussed

TOTAL NUMBER OF STUDENTS : Unlimited

A TRANSLATOR



Lecture: *La gènesi dels sons musicals* (*The genesis of music sounds*) with the mathematics teacher Xavier Fitera (left) at Institut d'Ensenyament Secundari Ausiàs Marc Barcelona, November 23rd 2005



Before the lecture *La gènesi dels sons musicals* (*The genes of Music sounds*) in the Tarragona Conservatory hall with the Music History teacher, Isabel Bargalló, who presented the event. Conservatori de Grau mitjà de música de Tarragona - Tarragona, April 2nd 2008